

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10535247"	US-PGPUB; USPAT; USOOR	OR	ON	2009/06/02 16:31
S2	19	68/12.06.cds. and (ion or elut\$4 or cu or zn or ag or copper or silver or zinc)	US-PGPUB; USPAT; USOOR	OR	ON	2009/06/02 16:32
S3	8	("2406494"   "4112590"   "5435837"   "6085556"   "6564591").PN. OR ("6954995").URPN.	US-PGPUB; USPAT; USOOR	OR	ON	2009/06/02 16:40
S4	256	68/12.06.cds.	US-PGPUB; USPAT; USOOR	OR	ON	2009/06/02 16:40
S5	2	"6023854"	US-PGPUB; USPAT; USOOR	OR	ON	2009/06/02 19:41
S6	12348	((wash\$4 or laundry) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (ion or cu or zn or ag or silver or copper or zn or elut\$4) and (unbalanc\$4 or imbalanc\$4 or wobbl\$4 or balanc\$4 or vibrat\$4 or shak\$4 or eccentric\$4)	US-PGPUB; USPAT; USOOR	OR	ON	2009/06/02 19:53
S7	4732	((wash\$4 or laundry) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (ion or cu or zn or ag or silver or copper or zn or elut\$4) with (water or liquid or fluid) and (unbalanc\$4 or imbalanc\$4 or wobbl\$4 or balanc\$4 or vibrat\$4 or shak\$4 or eccentric\$4)	US-PGPUB; USPAT; USOOR	OR	ON	2009/06/02 19:54

S8	150	((wash\$4 or laundry) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (ion or cu or zn or ag or silver or copper or zn or elut\$4) with (water or liquid or fluid) and ((unbalanc\$4 or imbalanc\$4 or wobbl\$4 or balanc\$4 or vibrat\$4 or shak\$4 or eccentric\$4) near5 (detect\$4 or monitor \$4 or sens\$4 or measur\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/02 19:55
S10	259	68/12.06.cols.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/01 15:10
S11	152	((wash\$4 or laundry) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (ion or cu or zn or ag or silver or copper or zn or elut\$4) with (water or liquid or fluid) and ((unbalanc\$4 or imbalanc\$4 or wobbl\$4 or balanc\$4 or vibrat\$4 or shak\$4 or eccentric\$4) near5 (detect\$4 or monitor \$4 or sens\$4 or measur\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/01 15:10
S12	11	68/12.06.cols. and (drum or tub) and (dispens\$4) and (agitat\$4 or pulsat\$4) and (control\$4 or computer or processor or microprocessor or microcontrol\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 14:29
S13	19	68/12.06.cols. and (ion or elut\$4 or cu or zn or ag or copper or silver or zinc)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 14:29

S14	11	68/12.06.ccls. and (dispens\$4) and (agitat\$4 or pulsat\$4) and (control\$4 or computer or processor or microprocessor or microcontrol\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 15:17
S15	52	68/12.06.ccls. and (dispens\$4 or detergent) and (agitat\$4 or pulsat\$4) and (control\$4 or computer or processor or microprocessor or microcontrol\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 15:18
S16	1110	68/17r.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 17:09
S17	209	68/17r.ccls. and control\$4 near5 dispens\$4	US-PGPUB; USPAT; USOCR	OR	ON	2009/10/02 17:10
S18	19	68/12.06.ccls. and (ion or elut\$4 or cu or zn or ag or copper or silver or zinc)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/31 14:02
S19	153	((wash\$4 or laundry) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (ion or cu or zn or ag or silver or copper or zn or elut\$4) with (water or liquid or fluid) and ((unbalanc\$4 or imbalanc\$4 or wobbl\$4 or balanc\$4 or vibrat\$4 or shak\$4 or eccentric\$4) near5 (detect\$4 or monitor \$4 or sens\$4 or measur\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/31 14:03
S20	1887	((wash\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (ion\$4 or silver or copper or zinc ) with (rins\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/07 14:41

S21	400	((wash\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (ion\$4 or silver or copper or zinc ) with (rins\$4) and (tub or drum)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/07 14:41
S22	266	((wash\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (ion\$4 or silver or copper or zinc ) near10(rins\$4) and (tub or drum)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/07 14:43
S23	116	((wash\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (ion\$4 or silver or copper or zinc ) near10(rins\$4) and (tub or drum) and (disinfect\$4 or sterilize or sterilization or antimicrob\$4 or antibacterial or antiseptic or antifungal)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/07 14:45
S24	40	(US-20060164093-\$ or US-20050210929-\$ or US-20050210931-\$ or US-20030056555-\$ or US-20020020196-\$ or US-20030110814-\$ or US-20050210602-\$ or US-20030061841-\$ or US-20030140427-\$ or US-20030145392-\$ or US-20050252538-\$ or US-20030024280-\$).did. or (US-6023854-\$ or US-5345792-\$ or US-5280660-\$ or US-	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/07 16:02

5085064-\$ or US-  
6702722-\$ or US-  
6615619-\$ or US-  
6658902-\$ or US-  
6550292-\$ or US-  
6477867-\$ or US-  
6647575-\$ or US-  
6510715-\$ or US-  
5692313-\$ or US-  
6029300-\$ or US-  
5765402-\$ or US-  
6418758-\$ or US-  
4411664-\$ or US-  
7322065-\$ or US-  
6401284-\$ or US-  
5327603-\$ or US-  
5906020-\$ or US-  
3871914-\$ or US-  
5246559-\$ or US-  
5593627-\$ or US-  
5405507-\$ or US-  
6106722-\$ or US-  
5469719-\$).did. or  
(US-5642548-\$).did.  
or (JP-2001009188-\$  
or JP-2001276484-\$  
or JP-2004166938-\$  
or JP-2001046790-\$  
or JP-2001276469-\$  
or JP-06269592-\$ or  
JP-2003154195-\$ or  
JP-2001070221-\$).  
did. or (WO-  
03040458-\$ or WO-  
2004046447-\$ or GB-  
2260547-\$ or US-  
4311505-\$ or EP-  
531617-\$ or JP-  
09215650-\$ or EP-  
748892-\$ or JP-  
2003071184-\$ or JP-  
2001276484-\$ or JP-  
2000312798-\$ or JP-  
2000014986-\$ or JP-  
2002113288-\$ or JP-  
2003154195-\$ or JP-  
2001070221-\$).did.

S25	111	(US-20060164093-\$ or US-20050210929-\$ or US-20050210931-\$ or US-20030056555-\$ or US-20020020196-\$ or US-20030110814-\$ or US-20050210602-\$ or US-20030061841-\$ or US-20030140427-\$ or US-20030145392-\$ or US-20050252538-\$ or US-20030024280-\$).did. or (US-6023854-\$ or US-5345792-\$ or US-5280660-\$ or US-5085064-\$ or US-6782722-\$ or US-6615619-\$ or US-6658902-\$ or US-6550292-\$ or US-6477867-\$ or US-6647575-\$ or US-6510715-\$ or US-5692313-\$ or US-6029300-\$ or US-5765402-\$ or US-6418758-\$ or US-4411664-\$ or US-7322065-\$ or US-6401284-\$ or US-5327603-\$ or US-5906020-\$ or US-3871914-\$ or US-5246559-\$ or US-5593627-\$ or US-5405507-\$ or US-6106722-\$ or US-5469719-\$).did. or (US-5642548-\$).did. or (JP-2001009188-\$ or JP-2001276484-\$ or JP-2004166938-\$ or JP-2001046790-\$ or JP-2001276469-\$ or JP-06269592-\$ or JP-2003154195-\$ or JP-2001070221-\$).did. or (WO-03040458-\$ or WO-2004046447-\$ or GB-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERVENT	OR	ON	2010/09/07 16:02
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		2260547-\$ or US-4311505-\$ or EP-531617-\$ or JP-09215650-\$ or EP-748892-\$ or JP-2003071184-\$ or JP-2001276484-\$ or JP-2000312798-\$ or JP-2000014986-\$ or JP-2002113288-\$ or JP-2003154195-\$ or JP-2001070221-\$).did.				
S26	109	(US-20060164093-\$ or US-20050210929-\$ or US-20050210931-\$ or US-20030056555-\$ or US-20020020196-\$ or US-20030110814-\$ or US-20050210602-\$ or US-20030061841-\$ or US-20030140427-\$ or US-20030145392-\$ or US-20050252538-\$ or US-20030024280-\$).did. or (US-6023854-\$ or US-5345792-\$ or US-5280660-\$ or US-5085064-\$ or US-6782722-\$ or US-6615619-\$ or US-6658902-\$ or US-6550292-\$ or US-6477867-\$ or US-6647575-\$ or US-6510715-\$ or US-5692313-\$ or US-6029300-\$ or US-5765402-\$ or US-6418758-\$ or US-4411664-\$ or US-7322065-\$ or US-6401284-\$ or US-5327603-\$ or US-5906020-\$ or US-3871914-\$ or US-5246559-\$ or US-5593627-\$ or US-5405507-\$ or US-6106722-\$ or US-5469719-\$).did. or	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/09/07 16:03

		(US-5642548-\$).did. or (JP-2001009188-\$ or JP-2001276484-\$ or JP-2004166938-\$ or JP-2001046790-\$ or JP-2001276469-\$ or JP-06269592-\$ or JP-2003154195-\$ or JP-2001070221-\$ or JP-03097497-\$).did. or (WO-03040458-\$ or WO-2004046447-\$ or GB-2260547-\$ or US-4311505-\$ or EP- 531617-\$ or JP- 09215650-\$ or EP- 748892-\$ or JP- 2003071184-\$ or JP- 2001276484-\$ or JP- 2000312798-\$ or JP- 2000014986-\$ or JP- 2002113288-\$ or JP- 2003154195-\$ or JP- 2001070221-\$ or JP- 06269592-\$ or JP- 03097497-\$).did.				
S27	107	(US-20060164093-\$ or US-20050210929-\$ or US- 20050210931-\$ or US-20030056555-\$ or US-20020020196-\$ or US- 20030110814-\$ or US-20050210602-\$ or US-20030061841-\$ or US- 20030140427-\$ or US-20030145392-\$ or US-20050252538-\$ or US- 20030024280-\$).did. or (US-6023854-\$ or US-5345792-\$ or US- 5280660-\$ or US- 5085064-\$ or US- 6782722-\$ or US- 6615619-\$ or US- 6658902-\$ or US- 6550292-\$ or US- 6477867-\$ or US- 6647575-\$ or US- 6510715-\$ or US- 5692313-\$ or US-	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/09/07 16:03

			6029300-\$ or US- 5765402-\$ or US- 6418758-\$ or US- 4411664-\$ or US- 7322065-\$ or US- 6401284-\$ or US- 5327603-\$ or US- 5906020-\$ or US- 3871914-\$ or US- 5246559-\$ or US- 5593627-\$ or US- 5405507-\$ or US- 6106722-\$ or US- 5469719-\$).did. or (US-5642548-\$).did. or (JP-2001009188-\$ or JP-2001276484-\$ or JP-2004166938-\$ or JP-2001046790-\$ or JP-2001276469-\$ or JP-06269592-\$ or JP-2003154195-\$ or JP-2001070221-\$). did. or (WO- 03040458-\$ or WO- 2004046447-\$ or GB- 2260547-\$ or US- 4311505-\$ or EP- 531617-\$ or JP- 09215650-\$ or EP- 748892-\$ or JP- 2003071184-\$ or JP- 2001276484-\$ or JP- 2000312798-\$ or JP- 2000014986-\$ or JP- 2002113288-\$ or JP- 2003154195-\$ or JP- 2001070221-\$).did.			
S28	109	S26 or S27	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/09/07 16:04
S29	19	"5873268"	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/09/07 16:23
S30	18	"5873268"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/07 16:23

S31	312	8/159,158.ccls. and (rins\$4 same (oscillat \$4 or agitat\$4 or rotat \$4 or pulsat\$4 or spin \$4 or tumb\$4) near5 (intensity or force or strength or speed or velocity or power or energy)) same (drum or tub)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/07 16:59
S32	176	8/159,158.ccls. and (rins\$4 with (oscillat \$4 or agitat\$4 or rotat \$4 or pulsat\$4 or spin \$4 or tumb\$4) near5 (intensity or force or strength or speed or velocity or power or energy)) same (drum or tub)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/07 17:01
S33	17	("3620053"   "4225992"   "4464914"   "5167722"   "5191668"   "5199127"   "5233718"   "5504955"   "5606877"   "5687440"   "5737790"   "5743115"   "5758377"   "5768730"   "6029298"   "6125490").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/07 17:06
S44	30	8/159,158.ccls. and (rins\$4 with (oscillat \$4 or agitat\$4 or rotat \$4 or pulsat\$4 or spin \$4 or tumb\$4) near5 (intensity or force or strength or speed or velocity or power or energy)) same (drum or tub) and softener	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/08 13:51
S45	3	"5752397"	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/08 14:03

S46	410	"68".clas. and controller with (water or supply) with (detergent or chemical or valve)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/08 15:23
S47	163	"68".clas. and controller with (water or supply) with (detergent or chemical or valve) same time	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/08 15:23
S80	2020	(8/159,158.ccls. or "68".clas.) and (rins \$4) same (oscillat\$4 or agitat\$4 or rotat\$4 or pulsat\$4 or spin\$4 or tumbl\$4) near5 (intensity or force or strength or speed or velocity or power or energy or rpm)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/08 17:49
S81	961	(8/159,158.ccls. or 68/12.01-12.23.ccls.) and (rins\$4) same (oscillat\$4 or agitat \$4 or rotat\$4 or pulsat\$4 or spin\$4 or tumbl\$4) near5 (intensity or force or strength or speed or velocity or power or energy or rpm)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/08 17:49
S82	514	(8/159,158.ccls. or 68/12.01-12.23.ccls.) and (rins\$4) with (oscillat\$4 or agitat \$4 or rotat\$4 or pulsat\$4 or spin\$4 or tumbl\$4) near5 (intensity or force or strength or speed or velocity or power or energy or rpm)	US-PGPUB; USPAT; USOCR	OR	ON	2010/09/08 17:50

9/10/2010 4:10:50 PM

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